Revolutionary HiFi COMPONENT with CD STORAGE & MUSIC STREAMER

cocktail Audio X10

X10 is a revolutionary HiFi component. It has a high speed front loading CD drive built in with 3.5" full color TFT LCD to display well designed high quality UI(user interface). X10 uses 3.5inch SATA hard disk as storage to load all your CD collection and to transfer even your old precious collection of Vinyl(LP and cassette) into X10. It has various amazing function like HiFi CD storage with CD database function, music streamer, internet radio, networking, USB host and etc. X10 has an high quality 60W amplifier inside which can deliver wonderful sound through your existing HiFi systems or loudspeakers. It also supports various audio codec like MP3, FLAC, WAV, WMA, AAC, M4A, Ogg Vorbis, PCM, Playlist(M3U, PLS).

MP3 AUDIO | flac | WAV | WMA | M4A | AAC | Ogg | PCM | M3U | PLS

www.cocktailaudio.com

Rev2.0

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Important safety instructions

For your own safety, please read the following important safety instructions carefully before attempting to connect this unit to the main power supply. They will enable you to get the best performance from the unit and prolong the life of the unit:

1.Read the instructions.

2.Keep the instructions.

3.Heed all warnings.

4.Follow all instructions.

5.Do not use this product near water.

6.Clean only with dry cloth.

7.Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8.Do not remove the casing of this product.

9.Only use this product indoors. Do not expose the product to dripping/splashing water, rain or high humidity.

10.Keep this product away from direct sunlight, naked flames or heat.

11.Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment(including amplifiers) that produce much heat.

12.Do not place any other electrical equipment on the product.

13.Do not place any sources of danger on the product(e.g. objects containing liquid, burning candles)

14.This product includes batteries. Please refer to safety and disposal instructions for batteries in this user manual.

15.Unplug this product during lightning storms or when unused for long period of time.

16.Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged, such as the power supply cord, damaged plug, liquid spillage, objects dropped on the unit, exposure to rain or moisture, does not operate properly, or has been dropped.

WARNING

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may be experiencing some hearing loss. Over time your hearing 'comfort level' adapts to higher volumes of sound, so after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level.
- Loudspeakers : Before making any connections to loudspeakers, make sure all power is turned off and only use suitable interconnects.
- Only use attachments/accessories specified and supplied by the manufacturer.

FCC regulations

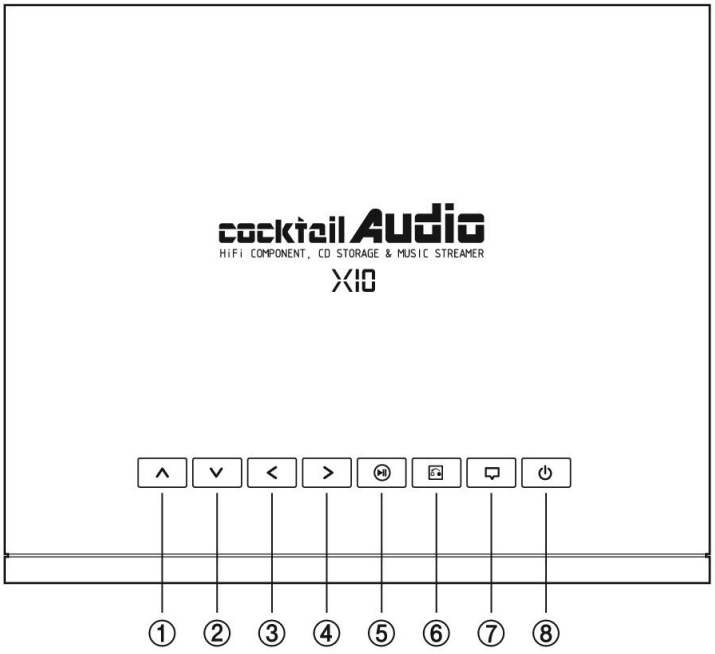
NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

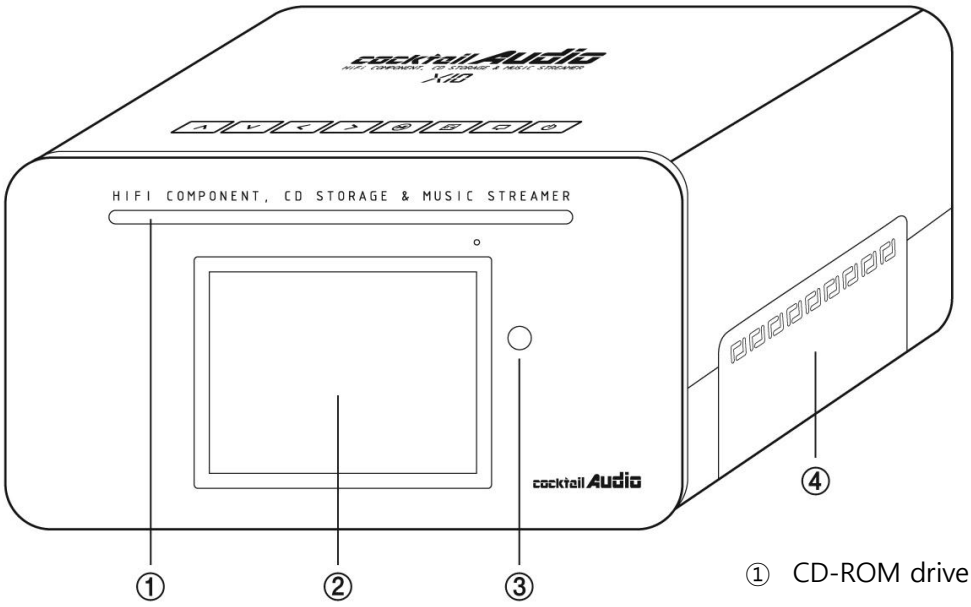
1. Product overview

1-1. Top view



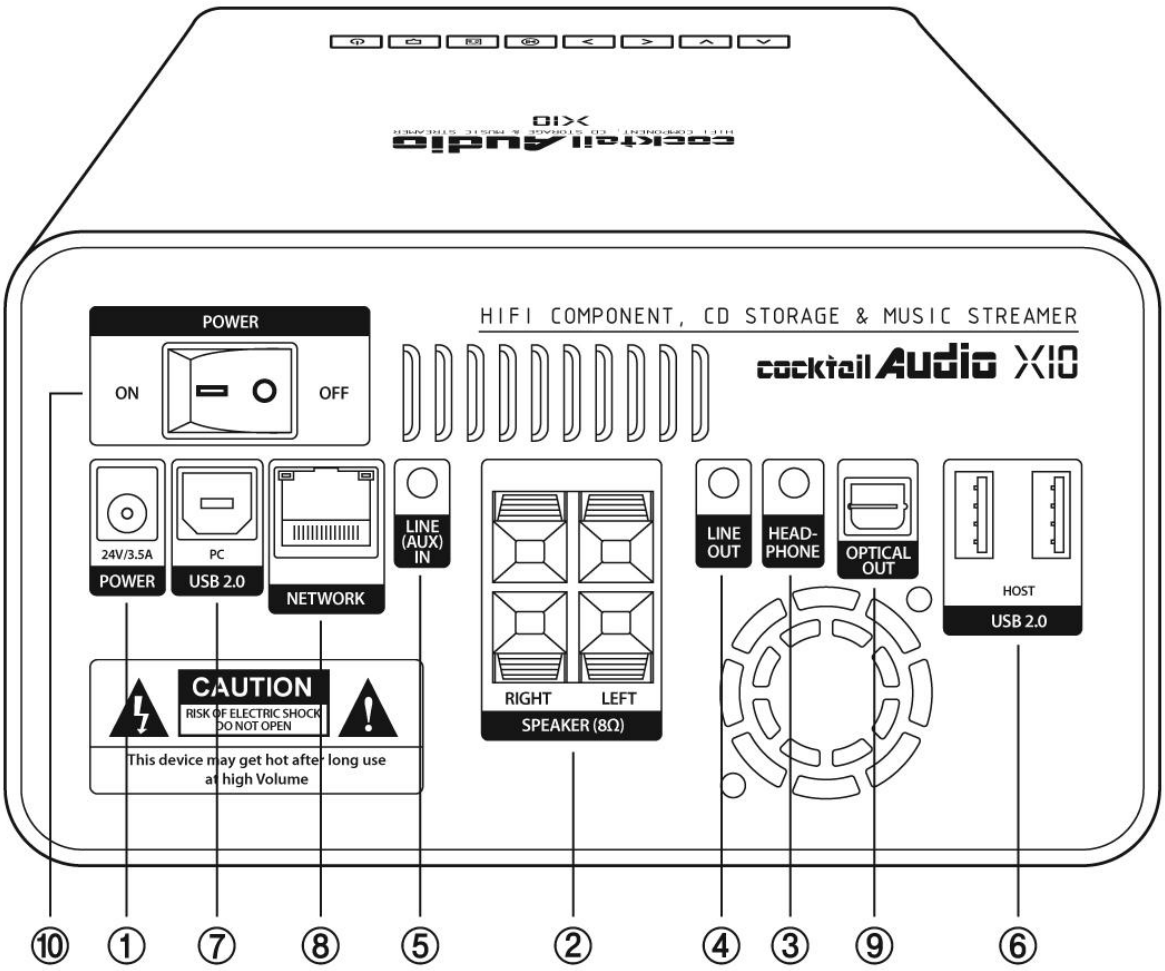
① Up arrow: Move cursor to upper side.
② Down arrow : Move cursor to down side.
③ Left arrow : Move cursor to left side.
④ Right arrow : Move cursor to right side.
⑤ Play/Pause/OK : Play/Pause/Selection
⑥ Return : Go back to upper level
⑦ Menu : Show up menu
⑧ Power : Power ON/OFF

1-2. Front and right side view



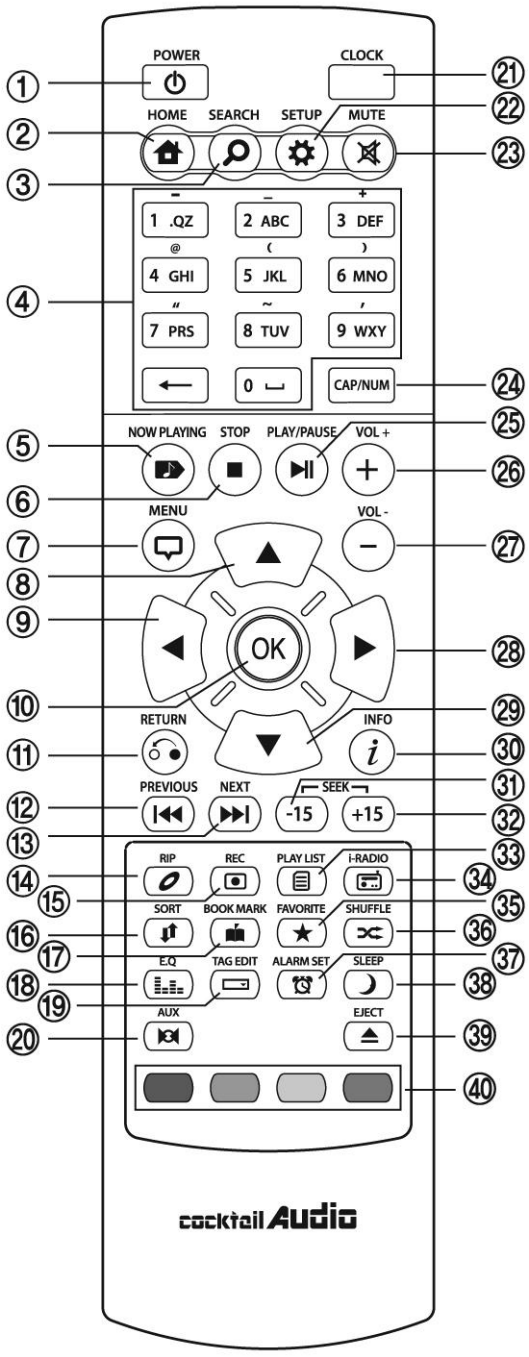
① CD-ROM drive
② 3.5″ TFT LCD screen
③ Remote control receiver
④ Hard disk door

1-3. Rear view



① Power(24V/3.5A) : AC adapter socket
② Speaker connector : Connect a passive speaker
③ Headphone : Connect headphone
④ Line Out : Connect to amplifier with a good quality interconnect cable.
⑤ Line In(AUX In) : Connect to tuner or turntable with a good quality cable
⑥ USB Host : Connect to USB devices
⑦ USB Target for PC : Connect to PC with the supplied USB cable
⑧ Ethernet LAN : Connect to LAN cable
⑨ SPDIF(Optical Out) : Connect to decoder with good quality optical audio cable
⑩ Power Switch : After connecting AC adapter, switch to ON.

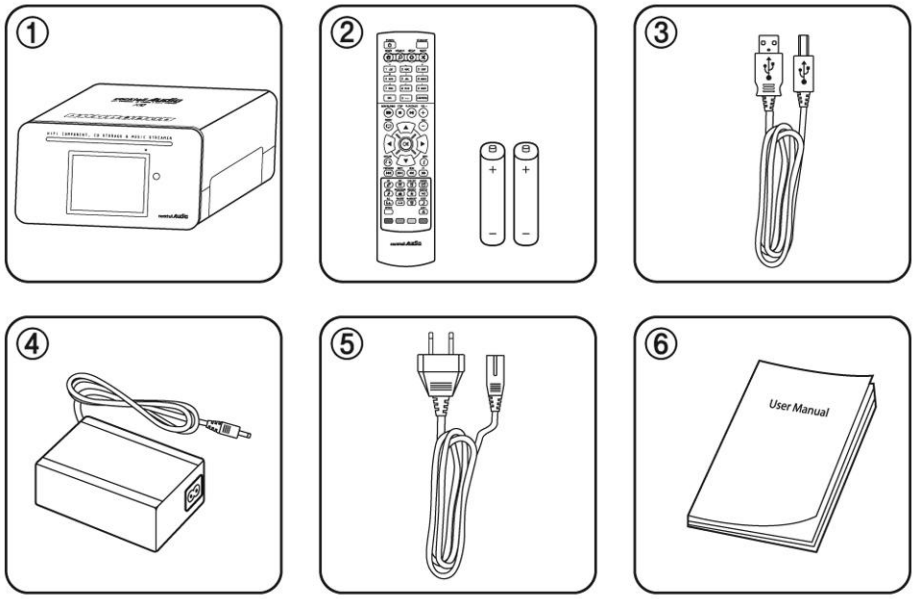
1-4. View of Remote Controller and each key's function



1. POWER : Power ON/OFF
2. HOME : Go to home screen
3. SEARCH : Pop up search menu
4. Alphanumeric : Enter number & alphabet
5. NOW PLAYING : Go to Playing Screen
6. STOP : Stop playing
7. MENU : Popup menu
8. ARROW : Move cursor to upper side
9. ARROW : Move cursor to left side
10. OK : Confirmation
11. RETURN : Go back to upper level
12. PREVIOUS : Play previous music
13. NEXT : Play next music
14. RIP : Pop up ripping menu
15. REC : Pop up recording menu
16. SORT : Sort file list
17. BOOK MARK : Make bookmark
18. E.Q. : Pop up equalizer menu
19. TAG EDIT : Edit MP3 ID3 TAG info
20. AUX : Select external source
21. CLOCK : Digital clock display
22. SETUP : Go to setup
23. MUTE : Mute/unmute sound
24. CAP/NUM : Toggle numeric key and alphabet key
25. PLAY/PAUSE : Toggle Play and Pause
26. VOL+ : Volume up
27. VOL- : Volume down
28. ARROW : Move cursor to right side
29. ARROW : Move cursor to down side
30. INFO : Get more detailed information of current music
31. SEEK/-15 : Seek backward by 15 seconds.
32. SEEK/+15 : Seek forward by 15 seconds.
33. PLAYLIST : Go to playlist screen
34. i-RADIO : Go to i-radio screen
35. FAVORITE : Go to favorite list of i-radio
36. SHUFFLE : Change play mode.
37. ALARM SET : Alarm setting
38. SLEEP : Go to sleep mode
39. EJECT : Eject CD
40. Not applicable

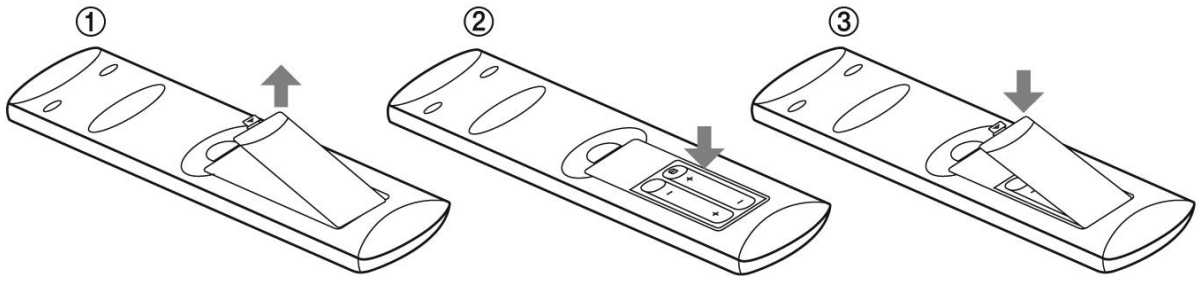
2. Prepare

2-1. Check the contents of X10 package



①Remote controller + AAA batteries x 2EA
②USB cable
③AC adapter
④Power cord
⑤Manual
⑥FreeDB data DVD

2-2. Install AAA batteries into the remote controller.



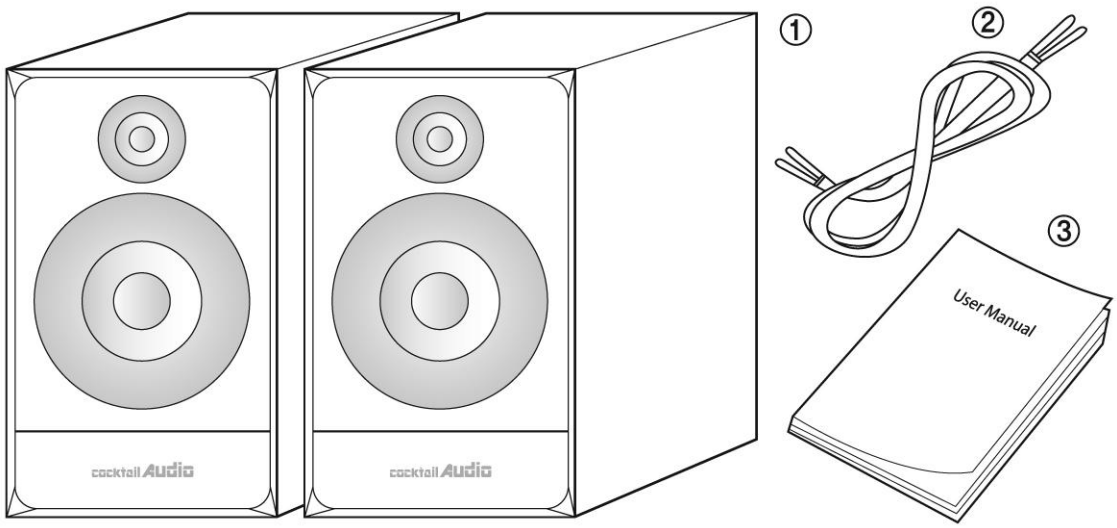
Open the battery door and put the batteries.

2-3. Optional items

If you purchased optional items like passive loudspeaker(CAP10) and WiFi USB dongle, please check below contents

2-3-1. Passive speaker(CAP10)

.

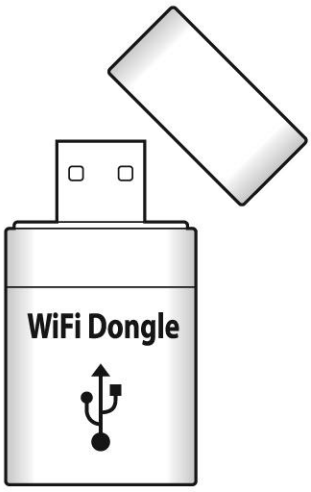


1 Speaker units

2 Speaker cable

3 Manual

2-3-2. WiFi USB dongle

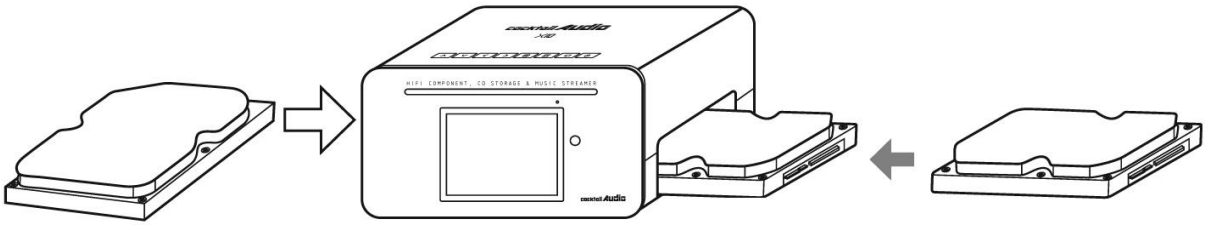


801.11b/g/n WiFi USB dongle

2-4. Purchased X10 without hard disk.

You need a 3.5" SATA hard disk and install it into the X10 like below picture and format it.
For formatting of the installed HDD into X10, please refer to the 5-5-6.HDD Format.

【 TIP ① 】We strongly recommend NTFS file system when you do format hard disk.



【 TIP ② 】X10 supports 3.5" SATA(1/2) hard disk and up to two(2) TeraBytes

2-5. Purchased X10 with an internal hard disk installed.

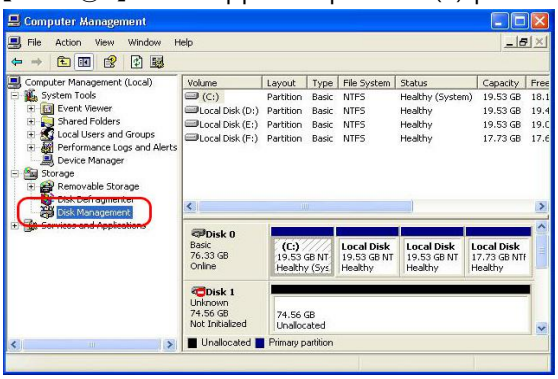
Check whether HDD is formatted, or not. If the HDD is not formatted, please format it according to the 5-5-6.HDD Format.

Go to set 3. Connection.

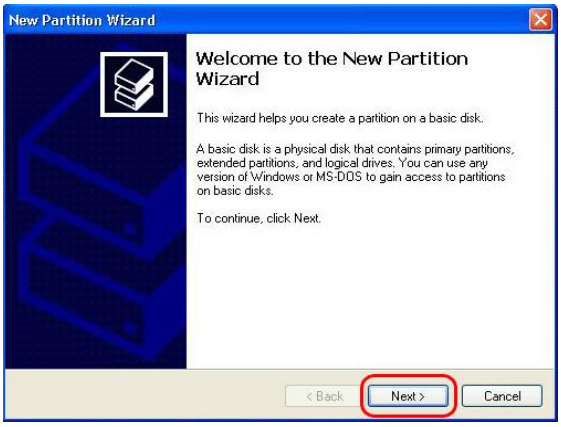
2-6. Hard disk partition and format with your PC.

If you don't like use HDD formatting solution of X10, you may format HDD with your computer like below. With the computer under Windows 2000/XP/Vista/7, you can make partitions and do format hard disk by using the Disk Manager Utility.

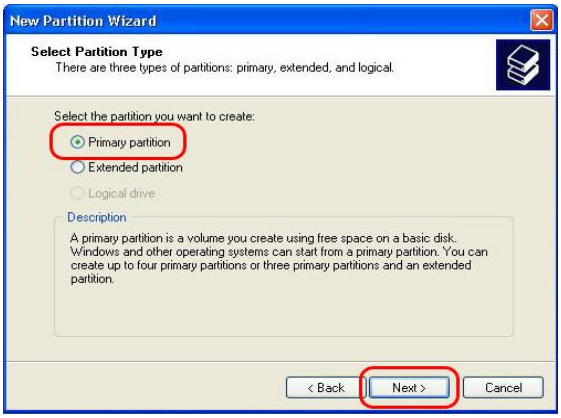
【 TIP ③ 】X10 supports up to two(2) partitions.



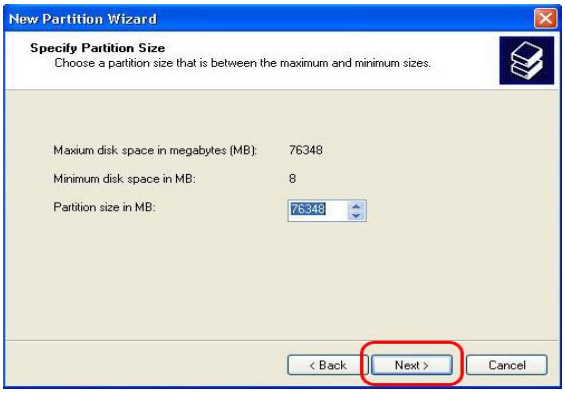
① Connect X10 to your computer via USB cable just like an external hard disk. Wait until the computer recognizes it.
② Place mouse point on **My Computer** and right click choose **Manager**.
③ Select **Disk Manger** and click it. Then, X10 hard disk will be listed like left picture.
④ Select the X10 hard disk and click right button and select **New Partition** and click it.


New Partition Wizard
Welcome to the New Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

⑤ Press **Next** when the **New Partition Wizard** appears.


New Partition Wizard
Select Partition Type
There are three types of partitions: primary, extended, and logical.
Select the partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.
< Back
Next >
Cancel

⑥ Select **Primary partition** and click next.

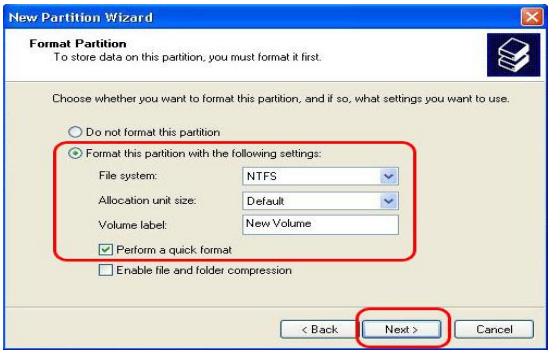

New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maxium disk space in megabytes (MB): 76348
Minimum disk space in MB: 8
Partition size in MB: 76348
< Back
Next >
Cancel

⑦ Select partition size. If you want one partition, press **Next**.

【 TIP ④ 】For FAT32 file system, the size is limited to Max. 32000MB.

New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter:
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

⑧ Click **Next**.


New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system:
NTFS
Allocation unit size:
Default
Volume label:
New Volume
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

⑨ Select **File system** and click **Next**.

【 TIP ⑤ 】We strongly recommend NTFS file system. If you choose FAT32 file system, maximum size of hard disk will be limited to 32GB only.

【 TIP ⑥ 】Don't check **Enable file and folder**

When completed, the detailed information will be shown like the left.

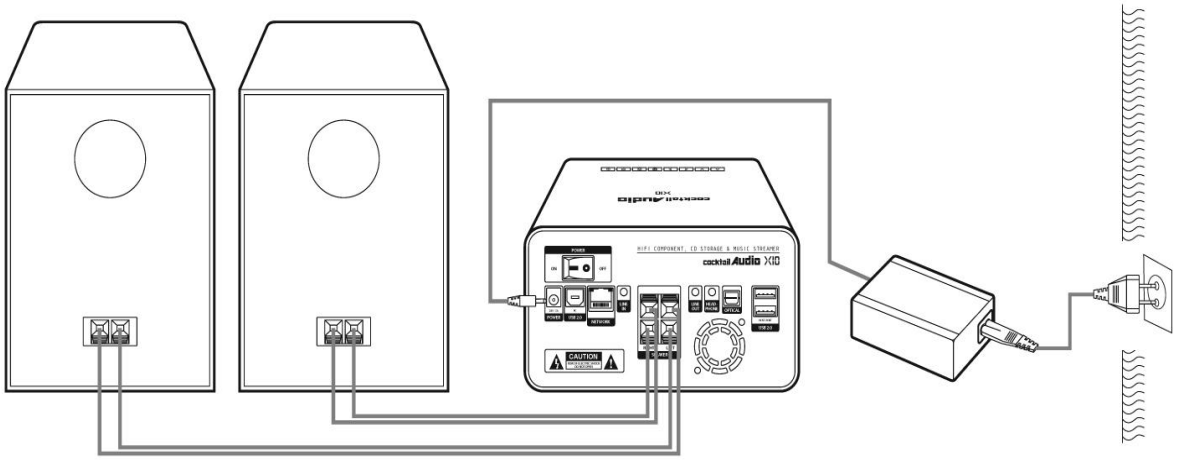
⑩ Click **Finish**.

3. Connection

3-1. Necessary connection

Connect a loudspeaker to the speaker connectors, and then connect AC adapter to the X10 like the picture below and switch ON the X10.

【 TIP ① 】When you connect to a loudspeaker, make sure the X10 is NOT powered.



3-2. The specification of X10 Amplifier

- Rated Output of speaker out : 30W + 30W @ 1KHz, 8 ohm, 1% THD
  X10 is designed for 8 ohm loudspeaker.
- Head phone out : 100mW + 10mW @ 1KHz, 16 ohm, 0.1% THD
- Line Out : 2Vrms @ 1KHz, 0.1% THD
- Input sensitivity of Line(AUX) In : Max 1Vrms

3-3. Passive loudspeaker & Active loudspeaker

◆ What's a passive loudspeaker? : Passive loudspeaker does not have a power amplifier inside. This must be connected via the speaker connector of X10.

◆ What's an active loudspeaker? : Active loudspeaker has a power amplifier inside. This must be connected via the LINE-out of X10.

3-4. Extra Connection

Various devices such as headphone, professional amplifier, decoder, turntable, USB devices, computers, routers can be connected to the X10 due to the different connectors at rear panel.

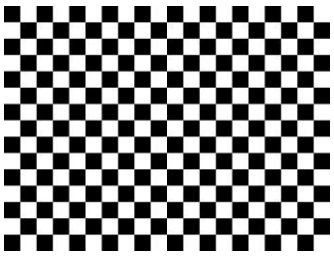
4. Turn On and Start

Switch on first with the dip switch at the rear of X10 and power it on with the remote controller or the power button on the top of X10 – should take about 25 seconds to boot up.

【 TIP ① 】After you press power on button, it will take around 20 seconds until booting-up logo shows up on the screen.

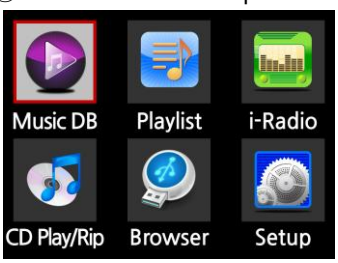
After X10 is powered ON, the below screen will show up in sequence.

① As soon as powered ON.



② 20 seconds after power ON.

③ 25 seconds after power ON



Music DB : Play loaded(ripped) music in DB folder of X10.

Playlist : Make Playlist and play it.

I-Radio : Play internet radio stored on X10.

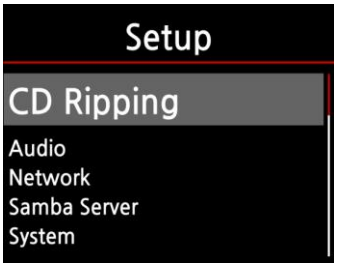
CD Play/Rip : Load(rip) CD and play it directly.

Browser : See all storages such as hard disk of X10, USB host and networked storages.

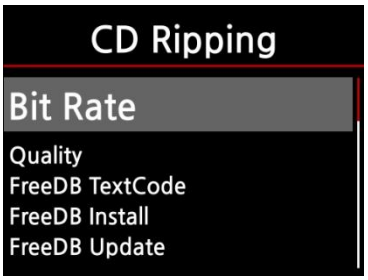
Setup : Change the settings.

5. SETUP

Go into SETUP menu with remote controller.



5-1. CD Ripping



Select CD Ripping and confirm it with OK button.

5-1-1. Bit Rate and Quality

You can select bit rate and quality level for ripping to MP3 file

There are two(2) items.(This is for ripping CD into MP3 file)

- ☐ Compressed Rate : 128K / 192K / 320K [default] 192K
- ☐ Quality level : Excellent / Best / Good / Fast / Very fast [default] Very fast

Select one of them and confirm it with the **OK** button of remote control.

【 TIP ① 】 The time required to rip CD into MP3 format based on each quality level option.

Option of quality level	Normal playing time	Required time to convert to MP3
Excellent	The time required to play music in CD normally.	X 1.5 (150%)
Best		X 1.08 (108%)
Good		X 1 (100%)
Fast		X 3/4 (75%)
Very fast[Default]		X 1/3 (33.3%)

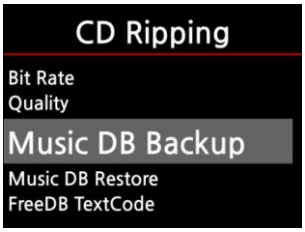
【 TIP ② 】Reference table of possible CD number for each ripping option

CD Ripping option		500GB HDD	1 TB HDD	2 TB HDD
WAV(uncompressed)		650 CDs	1,300 CDs	2,600 CDs
MP3 / OGG	Compressed Rate			
	128K	7,500 CDs	15,000 CDs	30,000 CDs
	192K	5,000 CDs	10,000 CDs	20,000 CDs
	320K	3,000 CDs	6,000 CDs	12,000 CDs

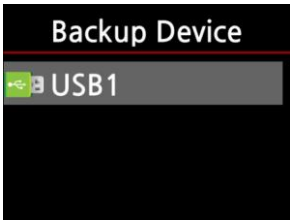
5-1-2. Music DB Backup and Music DB Restore

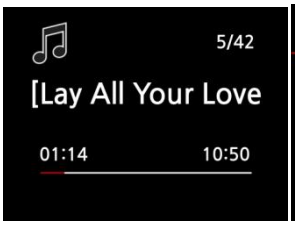
5-1-2-1. How to backup the Music DB

※ You need an external USB hard disk drive which is bigger capacity than Music DB



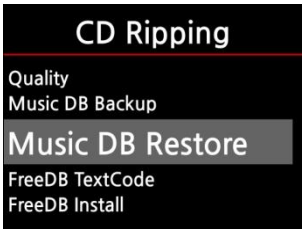
① Connect the external USB HDD into the USB host port of X10.
② Go to SETUP and select Music DB Backup, and confirm it with OK button.
③ You can see the external USB HDD like below. Select it and confirm it with OK key. You can see the Music DB size an Backup device size like below. Press OK key to start backup.

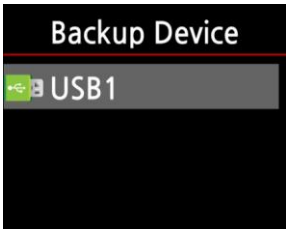


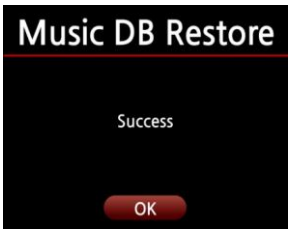


5-1-2-2. How to restore the Music DB

① Connect the backup device into the USB host port of X10.
② Go to SETUP and select Music DB Restore, and confirm it with OK button.
③ You can see the backup device, and select it and confirm it with OK key to start restore.

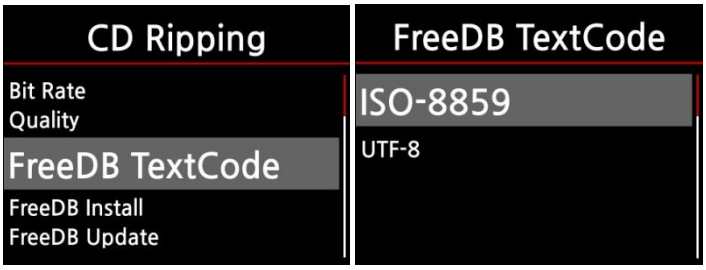






5-1-3. FreeDB TextCode

In case that freeDB text is broken, you may try changing FreeDB TextCode like below.



5-1-4. FreeDB Install

You can install FreeDB data into the hard disk of X10 as FreeDB data(DVD) is supplied by manufacturer. Once you install FreeDB data into X10, CD information can be displayed without network connection.

How to install FreeDB data into X10 hard disk is that, insert freeDB data DVD into the ODD of X10 and go to SETUP and select FreeDB Install. You will see the CD, then select it and confirm it with OK button. X10 shuts down and reboot and start installing freeDB complete data automatically.

5-1-5. FreeDB Update

You can get freeDB update data from website(www.cocktailaudio.com) or where you bought X10. How to update it is that, copy the freeDB update file into memory stick and insert the memory stick into the USB host port of X10. And, go to SETUP and select FreeDB Update. Press it with OK button. You can see USB memory and select it with OK button to find the freeDB update file. Confirm it with OK button. It will start.

5-2. Audio

① Select Audio and press OK button.

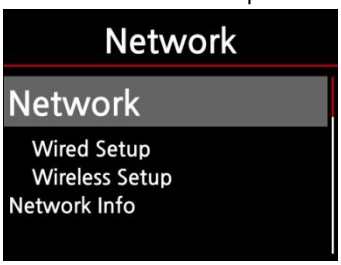
- ☐ DRC Mode : ON / OFF [Default] ON
- ☐ SPDIF : OFF / PCM 2ch / Pass through [Default] PCM 2ch

② Select and confirm it with OK button.

5-3. Network

※ Make sure your Ethernet cable or a USB WiFi dongle is connected.

Select Network and press OK button.



① Select Network and confirm it with OK button.

② Select Wired Setup or Wireless Setup and confirm it with OK button.

【 TIP 】 To check network information, press Network Info.

5-3-1. Wired Setup

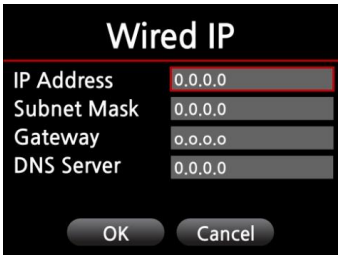
5-3-1-1. DHCP(Auto IP)

③ Select DHCP(Auto IP) and confirm it with OK button.
No need to enter any values.

④ Select OK and confirm it with OK button.

⑤ Left screen will be shown if network is connected successfully.

5-3-1-2. Static IP



① Select Static IP and confirm it with OK button.

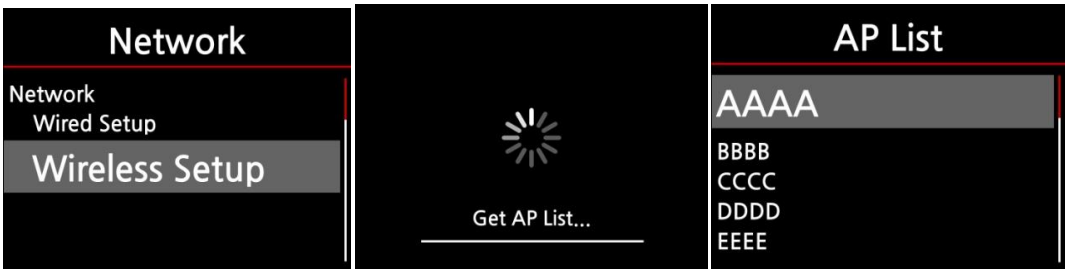
② Enter proper values like IP Address, Subnet mask, etc.

③ Select OK and confirm it with OK button

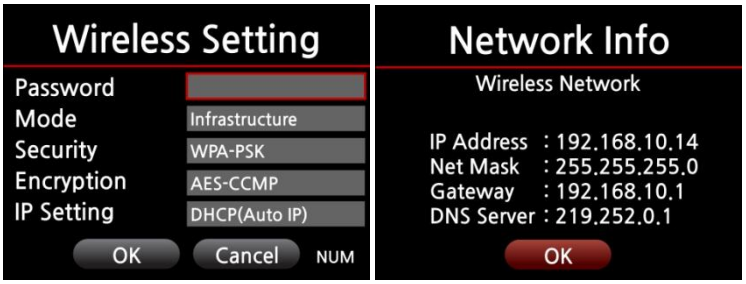
④ Left screen will be shown if network is connected successfully.

5-3-2. Wireless Setup.

① Select Wireless Setup and confirm it with OK button. The available AP will be displayed like below.

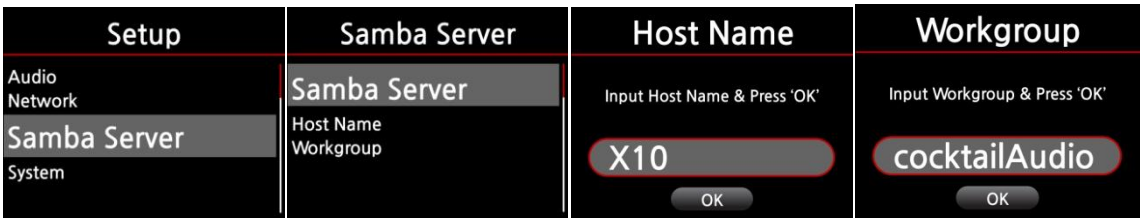


② Select proper AP and confirm it with OK button. ③ If the AP has password, enter it and select OK and confirm it with OK button.



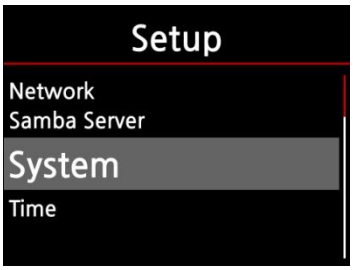
5-4. Samba Server

① Select Samba Server and confirm it with OK button. And, Select ON to make it enabled.



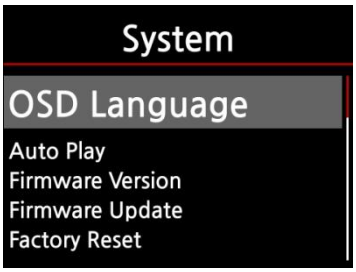
② Select Host Name and Workgroup. ③ Enter host name and workgroup name and select OK and confirm it with OK button.

5-5. System



① Select System and confirm it with OK button.

5-5-1. OSD Language.



② Select OSD Language and confirm it with OK button. Supported languages will be displayed.
③ Select your preferred language and confirm it with OK button.

5-5-2. Auto Play

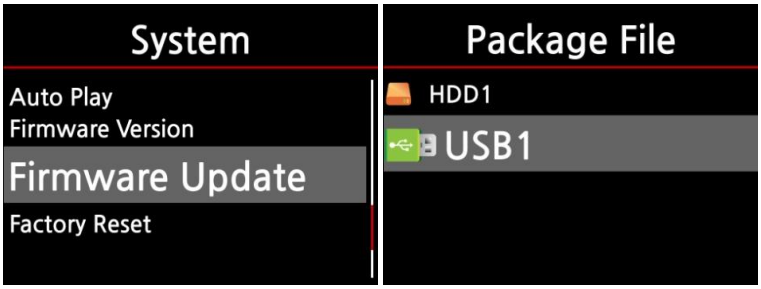
Select Auto Play and confirm it with OK button. You can set ON or OFF.
[Default] OFF.
【 TIP ⑥ 】For Auto Play function, refer to 20-7 Auto Play

5-5-3. Firmware Version

To check the current firmware version installed on the X10 - Select Firmware Version and confirm it with OK button.

5-5-4. Firmware Update

① Obtain the new firmware first, put the new firmware onto a USB memory stick or on the HDD of X10. ② Plug the USB memory stick into the USB host port of the X10.
③ Select Firmware Update and confirm it with OK button. ④ Select the storage where you put new firmware. ⑤ Select xxxxxxx.pkg file and confirm it with OK button.



Select OK and confirm it with OK button. The X10 will reboot automatically to update the X10.

5-5-5. Factory Reset

To restore changed values of setup, select Factory Reset and confirm it with OK button. Select OK and confirm it with OK button - factory reset will be complete.

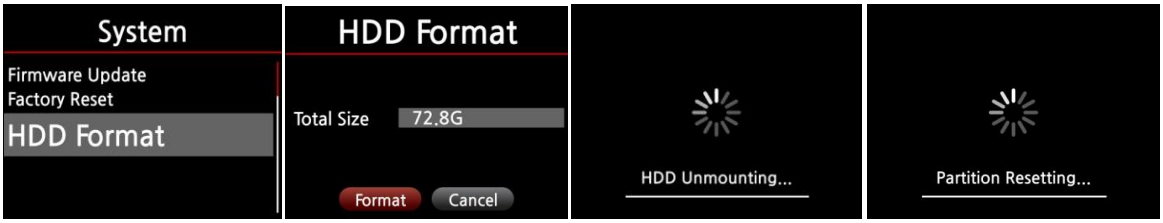
To Exit setup menu, press the RETURN button and all changes will be saved.

5-5-6. HDD Format

※ HDD Format function of X10 does not support multi-partitioning. If you want to make two(2) partitions on the HDD, please do it with your computer(Refer to the 2-6.Hard disk partition and format with your PC)

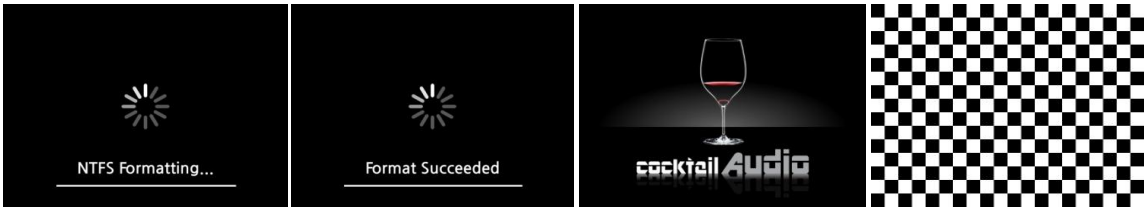
5-5-6-1.Brand New HDD(not partitioned HDD)

① Install HDD into X10 and power it ON. ② Go to System of SETUP, and select HDD Format like below picture. ③ Confirm it with OK key, then HDD Format screen will show up like below.



④ Press OK key to start format process, then it starts(HDD unmounting ---→ Partition Resetting -

-→ NTFS Formatting) like below pictures.

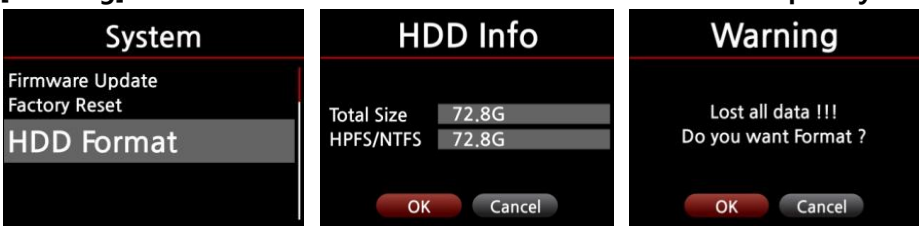


※ X10 re-boots automatically after finishing HDD format.

5-5-6-2.Used HDD(partitioned HDD)

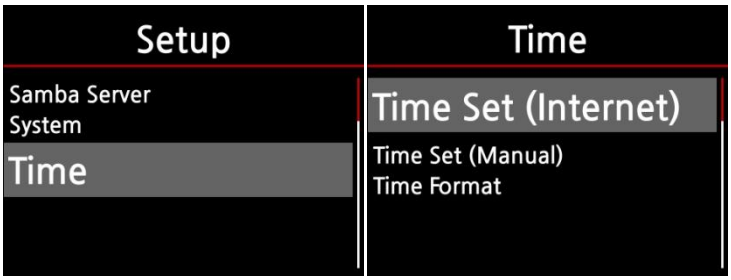
① Go to HDD Format of SETUP, and confirm it with OK button. ② HDD Info screen shows up like below. ③ Press OK button for next step. ④ Select OK and confirm it with OK button. Then it starts formatting process. Next procedure is the same as above.

[Warning] HDD format will have all data in the HDD lost completely !!!



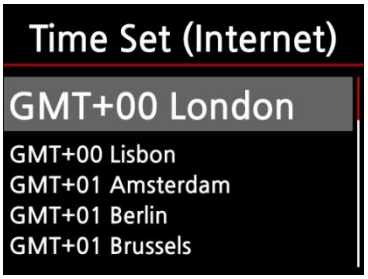
5-6. Time

5-6-1. Time Set(Internet)



① Select Time Set(Internet) and confirm it with OK button. All time lists will be displayed like below.

【 TIP ④ 】 Make sure that the X10 is connected to network (internet) before you try time setting by internet connection.



② Select your preferred time and confirm it with OK button.

【 TIP ⑤ 】 Default : GMT+00 London

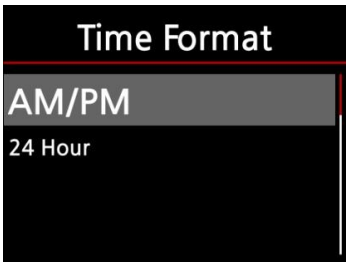
5-6-2. Time Set(Manual)

Without network(internet) connection, you can set time freely.

① Select Time Set(Manual) like above picture and confirm it with OK button.

② Input your time properly by manual and select OK to confirm it with OK button.

5-6-3. Time Format



X10 displays time during internet radio playing and standby mode.

X10 can display one of two types, AM/PM or 25Hours. You can select it here.

6. CD Database(Music DB)

6-1. What is CD database(Music DB) of X10 ?

To load(rip) your CDs with the X10(onto HDD), you can edit the CD information of each track such as the title, album, artist, year and genre, that are stored on the X10, just like a music database. You can search any of your music with easy by title, album, artist, year or genre.

When the X10 is connected to the internet/network the CD information can be retrieved from the freedb database. A USB keyboard or the supplied remote control, can be used to edit the information of the CD you may find incorrect or incomplete from the freedb server – that will eventually be stored on the X10 music DB.

【 TIP ① 】If you want to use an USB keyboard, ensure it's connected to the X10 before the device is powered ON.

6-2. What is freedb ?

Freedb is a database to look up CD information using the network(internet). This is done by a client(a freedb aware application) that calculates a (nearly) unique disc ID for a CD inserted into your optical drive. As a result, the client displays the artist, album, track list and some additional information. Since all information is submitted by freedb users, there are likely to be several different information for the same CD or no information for a certain CD.

7. CD Loading(Ripping)

All music that you load(rip) onto the X10 will be stored in hidden folder(name is .DB), hence can not be seen.

【 TIP ① 】It is recommended that you connect to the internet, to make use of the freedb when loading(ripping) your CDs.

7-1. In case that the X10 is connected to network(internet)

Make sure to connect X10 to network(internet) before inserting CD into X10.

① Insert CD into X10.
② Select CD Play/Rip icon and press OK button.
Wait for a moment until X10 checks freedb CD database and retrieves the CD.

【 TIP ② 】If the X10 is connected to the internet, but displays the track lists instead of the actual music titles, eject the CD & re-insert it into the optical drive again.

③ For CD loading(ripping), press MENU button.
Then the below popup screen is displayed.

7-1-1. Ripping All

This procedure is for loading (ripping) CD by one task.

④ Select Ripping All and press OK button.
Then the below screen is displayed.

⑤ Select one of four(4) options(WAV, MP3, OGG, FLAC) and press OK button.
Then, the below screen is displayed.

X10 retrieves each info(title, artist, etc) from freedb CD database.

⑥ Select OK and confirm it. X10 starts loading(ripping) all tracks.

Now loading (ripping) !!!!!!

Loading (Ripping) finished. Press OK button.

7-1-2. Ripping Tracks

This procedure is for loading (ripping) CD by the unit of track

① Select Ripping Tracks and confirm it with OK button.
The below screen is displayed.

② Select track you want to load (rip) and confirm it with OK button. The selected track will be changed to red color. After finishing track selection, select OK and confirm it with OK key.

③ Select one of four(4) options and confirm it with OK button. The below screen will be shown.

④ Select OK and confirm it with OK button.
Loading (Ripping) starts like the screen below.

⑤ Now loading (ripping) !!!!!

⑥ Loading (Ripping) finished. Press OK button.

【 TIP ③ 】When a CD is inserted into the optical drive, the X10 loads(rips) CD with a WAV format first even if an MP3 option was chosen. The X10 then converts WAV into MP3 format later by itself. X10 continues to do converting procedure by itself if it's powered on. X10 stops the conversion process during ripping.

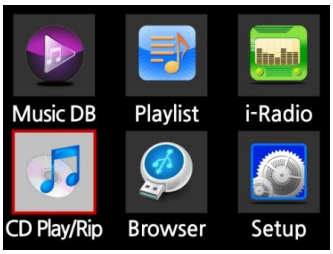
【 TIP ④ 】 **Explanation of each item on the ripping screen.**

① Number of ripping track / total track number in CD.
② Title of ripping track
③ Total time for playing
④ Total time for ripping
⑤ Ripped time
⑥ Played time

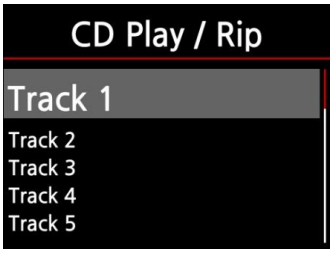
【 TIP ⑤ 】 **You can make album art and put it into each album.**

If you prepare an album art(JPG, GIF or PNG file) and put it into hard disk of X10, you can add the album art during CD loading(ripping) by pressing this icon.

7-2. In case that the X10 is NOT connected to any network(internet).



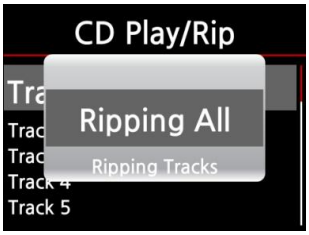
① Insert CD into X10.
② Select CD Play/Rip icon and press OK.
Track list is displayed like the screen below.



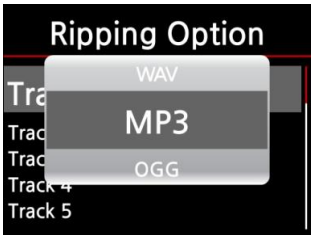
③ For loading (ripping), press MENU button.
The below screen is displayed.

7-2-1. Ripping All

This procedure is for loading (ripping) CD by one task.



④ Select Ripping All and confirm it with OK button.



⑤ Select one of four(4) options and confirm it with OK button. The below screen will be shown.

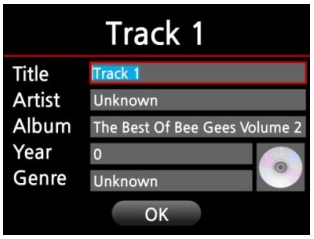
⑥ Enter info with remote controller or USB keyboard.
You must enter Album name to go to next step.

【 TIP ⑥ 】 To use USB keyboard, ensure to connect a USB keyboard into the X10 before you boot the unit.

⑦ Select OK and confirm it. Then, loading(ripping) starts like below picture.

Now loading(ripping) !!!!!!

⑧ Loading (ripping) finished. Select OK and confirm it with OK button. The below screen will be displayed.



⑨ If you did not enter info for title, artist, year or genre on the previous step, you can enter all info here.
⑩ After entering info, select OK and confirm it with OK button. All finished.

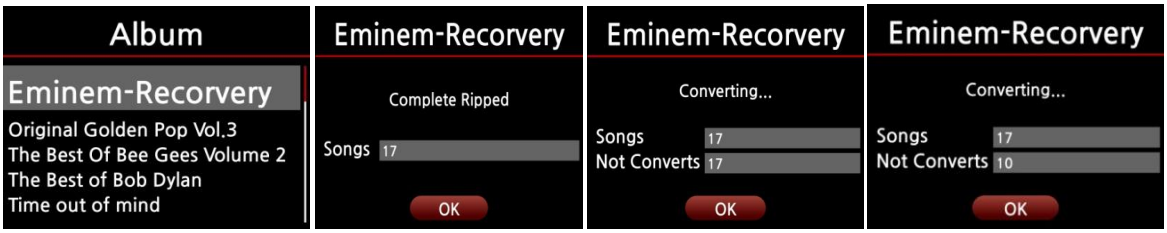
7-2-2. Ripping Tracks

This procedure is almost same except the process for selecting track you want to load (rip).

7-3. In case that you installed FreeDB data into the hard disk of X10

If you installed FreeDB data into the hard disk of X10, it works just like that X10 is connected to network(internet). X10 displays CD information from the FreeDB data installed into the hard disk.

7-4. Function to get information on the result of CD ripping and converting.



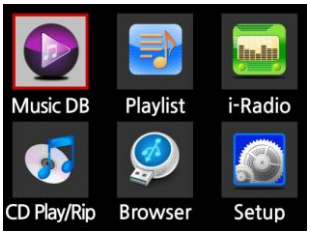
After ripping, go to the Music DB and place cursor on the Album. Press INFO button. You can see the result of the CD ripping and file converting progress.

8. How to use Music DB(database)

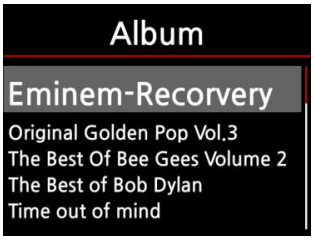
8-1. Play music loaded(ripped) into X10.

【 TIP ① 】 As soon as you finish CD loading(ripping) with MP3 format, go to Music DB and select loaded music and play it. You can see the loaded music format is still WAV not MP3. For understanding of reason for this, refer to the 【 TIP ③ 】 of 7 CD Loading(Ripping).

Music DB contains loaded(ripped) music in the Music DB.



① Select Music DB icon, confirm it with OK button.
The album list is displayed like below screen.



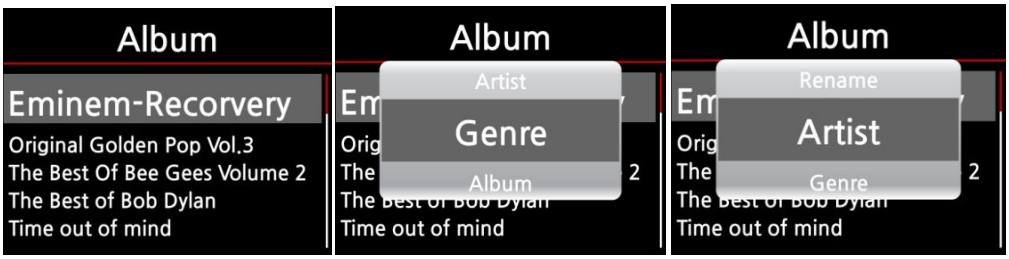
② Select the album you want and confirm it with OK button.
All the music in the album are displayed like below screen.

③ Select one of the music list and confirm it with OK button, then the music starts.

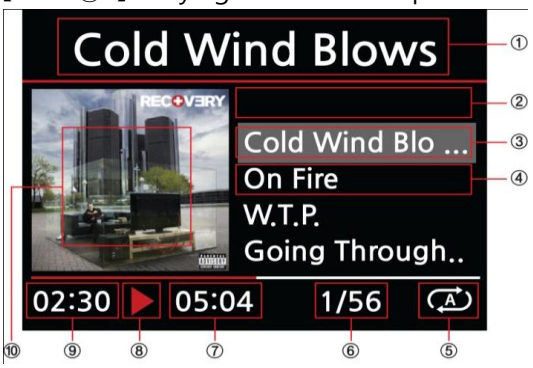
Now playing !!!!!!

【 TIP ② 】Press INFO button on this screen, to see detailed info of current music.

【 TIP ③ 】On album list screen, press MENU button, to show other category such as artist list or genre list like below screen.



【 TIP ④ 】Playing screen ------- press INFO button ------- Detailed info of current music



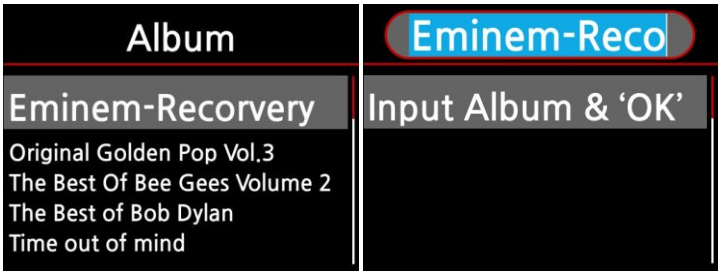
①Title of current music
②Title of previous music
③Title of current music
④Title of next music
⑤Play mode
⑥# of music playing / Total music #
⑦Total time of current music
⑧Play icon
⑨Played time of current music
⑩Album art of current music

①Title of current music. ②Artist
③Album ④Genre ⑤Year
⑥File format
⑦Play mode
⑧# of music playing / Total music#
⑨Total time of current music
⑩Play icon
⑪Played time of current music
⑫Album art of current music

8-2. SEARCH function.

In case there are many album lists in Music DB, the search feature can be useful.

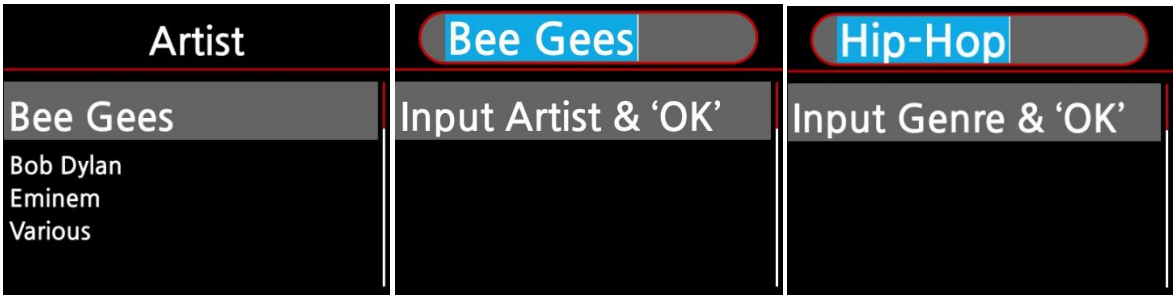
SEARCH function



① On album list screen, press SEARCH button, then the above screen is displayed.

② Enter album name into the album name area with remote control.

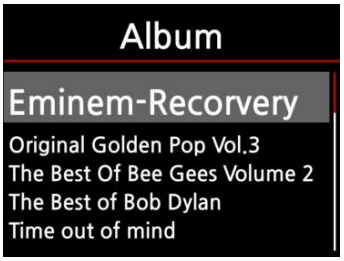
【 TIP ⑤ 】You can run SEARCH function by artist on the artist list screen, by genre on the genre list screen or by title on the title list screen like below picture.



8-3. How to manage Music DB

X10 provides the function to manage Music DB. You can delete or rename album, artists and genre. You can copy music in other storages(USB memory or other space of X10 hard disk) to Music DB folder.

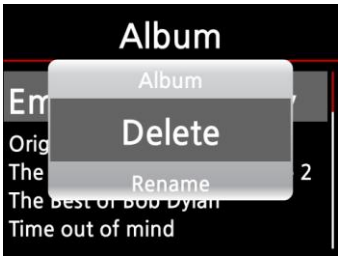
8-3-1. Delete or rename music in Music DB.



① Open album list, artist list or genre list you want to run this function.

② Place cursor on the list you want to run this function.

③ Press MENU button. Then the menu screen is displayed like below.



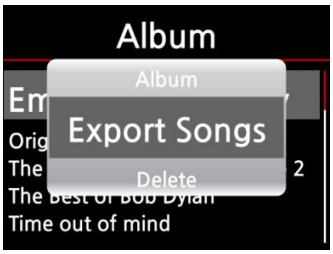
④ Select Delete or Rename and confirm it with OK button.

⑤ Select OK and confirm it with OK button.

【 TIP ⑥ 】You can also run this function for artist list and genre list by the same procedure.

8-3-2. How to export music in Music DB to other storage(HDD or USB).

You can export music in Music DB to other storage like HDD or USB.



① Go into Music DB with remote controller. You can see Album list. Select folder(Album) or music that you want to export.
② Press MENU key and select Export Songs like left screen.
③ Confirm it with OK key, then below screen is displayed.

④ Select the destination storage HDD or USB and confirm it with OK key. Then the below screen is displayed.

⑤ Select New Folder and confirm it with OK button to make new folder. The below screen is displayed.

⑥ Input folder name as you like and select OK and confirm it with OK key

⑦ Example, if you input Eminem and confirm it. The below screen is displayed.

⑧ Place cursor on the Eminem and press it with OK button. The below screen is displayed.

⑨ Select Export Start and confirm it with OK key, then it starts like below screen.

Now exporting music !!!

9. Edit TAG info of music in Music DB

You can edit TAG info of music such as title, artist, album, year or genre.

① Place cursor on the music you want to edit.
② Press MENU button and select TAG Edit and confirm it with OK button. The below screen is displayed.

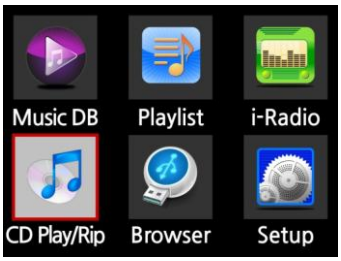
③ With remote control or USB keyboard, you can edit info.
④ Select OK and confirm it with OK button.

10. Audio CD direct play

【 TIP ① 】

X10 uses CD drive designed for notebook computers. X10 can play CD directly but the CD drive for notebook computer spins at high speed. It is slow to get up to speed and quite loud. Please note that X10's actual job is to load(rip) CDs not play them directly.

10-1. In case that X10 is connected to network(internet)



① Insert CD into X10.

② Select CD Play/Rip icon and press OK button.

【 TIP ② 】If X10 is connected to freedb CD database through network, the below screen is displayed.

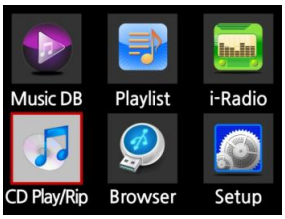
③ Select the music you want to play and press OK button.

Below is playing screen.

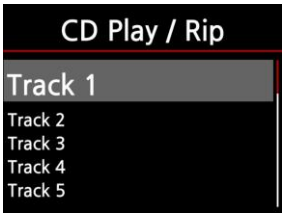
Now playing !!!!!!!

【 TIP ③ 】 If you press INFO button on the above Playing Screen, you can see the detailed info of current music like below.

10-2. In case that X10 is NOT connected to any network(internet)



① Insert CD and select CD Play/Rip icon and confirm it with OK button.
The track list is displayed like screen below:



② Select the track you want to play and confirm it with the OK button. The track starts playing

Now playing !!!!!!!!!

10-3. In case that you installed FreeDB data into the hard disk of X10

If you installed FreeDB data into the hard disk of X10, it works just like that X10 is connected to network(internet). X10 displays CD information from the FreeDB data installed into the hard disk.

11. Data CD direct play

X10 can support music file data CD that was burned with CD R/RW or DVD R/RW.

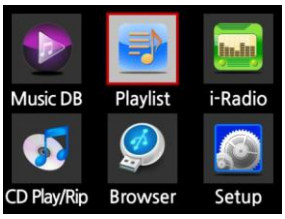
① Inter data CD into X10 and go into the Browser with remote controller. ② You will see CDROM. ③ Select it and confirm it with OK button and select the music and play it.

【 TIP 】If you want, you can copy(transfer) the music in the CD to Music DB. Press MENU button on the music list and select Copy to DB and confirm it with OK button.

12. Playlist

12-1. How to make a Playlist

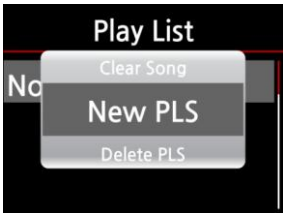
Make sure that there are music files on the Music DB space of the X10 before making a Playlist.



① Select the Playlist icon and press OK.
The below screen is displayed.

【 TIP ① 】 Auto Play folder is created automatically and it can not be removed by the user.

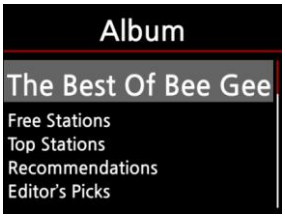
② On left screen, press MENU button.
The popup menu is displayed like below screen.



③ Select New PLS and confirm it with OK button.
The below screen is displayed.

④ Enter a preferred playlist name and select OK and confirm it with OK button.
The album list in Music DB is displayed like below screen.

【 TIP ② 】 You can put music in the playlist by unit of music only.



⑤ Press the OK button to go the music list of the selected album. The below screen is displayed.

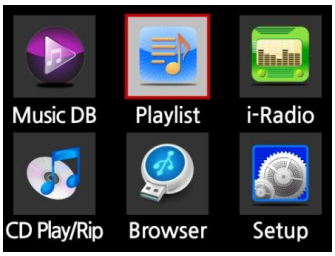
⑥ Select the music you want to add to the playlist. You will see the plus(+) mark at the end of cursor.
⑦ Press OK button, then the plus marked music disappears.
(This means the track is added to the playlist.)
⑧ You can add more music by the above procedure.

⑨ If you finished adding music, press RETURN button one or two times until the left screen is displayed.
⑩ Select OK and confirm it with OK button.

Then, the Play List is displayed like below screen.

Playlist making is completed.

12-2. How to play Playlist.



① Confirm Playlist icon with remote control or press hotkey PLAY LIST of remote control.
The below screen is displayed.

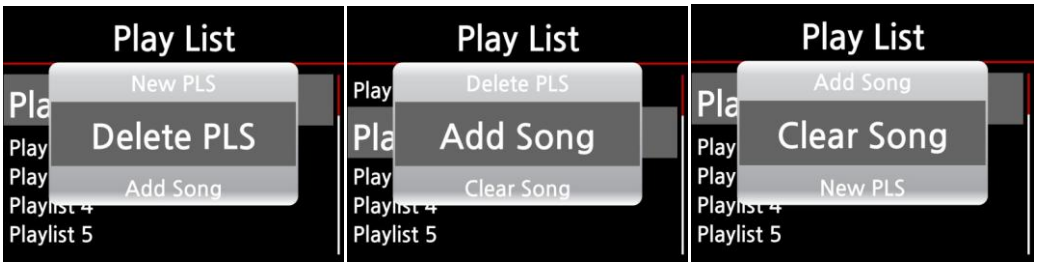
② Select Playlist you want to play and confirm it with OK button.
Then, you can see music in the playlist like below screen.

③ Select the music you want to play and confirm it with OK button to play the selected music.

【 TIP ③ 】 If you set play mode as Repeat All, all music in the selected playlist will be played continuously in sequence.

12-3. How to edit Playlist.

Go to the Playlist screen. Press MENU button. You can delete existing playlist, add music to existing playlist or clear music from existing playlist.



13. Music Streaming

X10 can play the music directly from a remote computer which is connected to X10 through network.

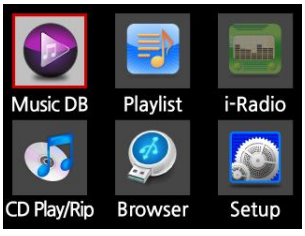
① Connect X10 and the computer to the network.
② Make the music folder of the computer as 'shared'.
③ Go to the Browser of X10, select the shared folder on the screen.
④ Select the music and press OK button with remote control.

14. Internet Radio

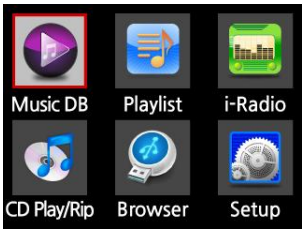
Make sure to connect the X10 to network(internet) before using the i-Radio.
【 TIP ① 】There might be a slight delay when tuning into the radio stations (buffering). This also depends on the network(internet) connection.

14-1.How to play Internet Radio.

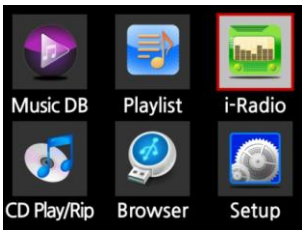
You can enjoy millions of internet radio stations. X10 internet radio is based on Reciva server. It provides many stations by genre and country.



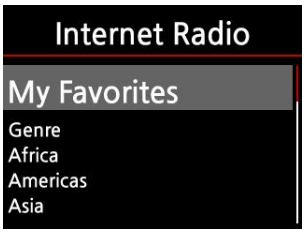
【 TIP 】If X10 is not connected to network(internet), you can not select i-Radio icon



【 TIP 】i-Radio icon is highlighted. This means network is connected.



① Select i-Radio icon and confirm it with OK key. The below screen is displayed.



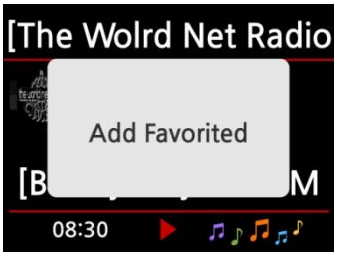
② Here, you can select Genre or country as you want

Now playing !!!

14-2.How to put your favorite stations into My Favorites.

【 TIP 】If you put your favorite playable stations into My Favorite folder, you can enjoy it with ease.

During playing a station, just press FAVORITE button of remote control, then it is listed to My Favorite folder like below picture.



14-3.How to play My Favorites.

Once you made My Favorites list, pressing FAVORITE key anywhere takes you into My Favorites list. Otherwise, press MENU button on Internet Radio screen like below picture, and you can get My Favorites list also.

14-4.How to run search function in Internet Radio

You can run search function in Internet Radio. On the Internet Radio screen, press SEARCH button of remote control, the below screen is displayed. Input alphabet that you remember and select OK and confirm it with OK key. Similar name stations are displayed.

14-5.Recording of Internet Radio

※Maximum continuous recording time : Three(3) hours. Please do not record successively for over three(3) hours.
※Occupied space for recording with MP3 format : 1 hour(54MB)/2 hours(108MB)/3 hours(162MB)

14-5-1.How to record

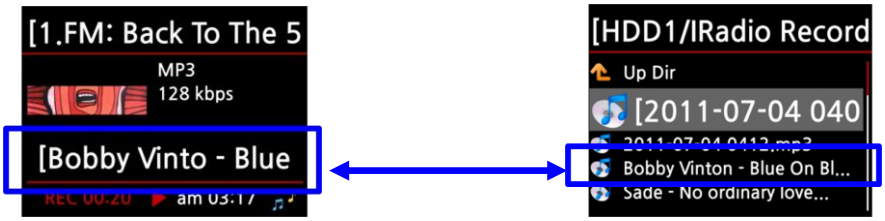
① During I-Radio playing, press REC button to start recording.
② Press STOP button to stop recording

14-5-2.Where is the recorded file stored ?

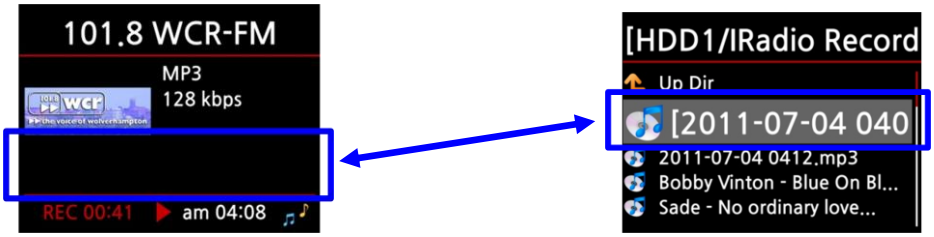
X10 creates [IRadio Recording] folder in the hard disk automatically if recording is started. All recorded files are stored in the IRadio Recording folder like below picture.

14-5-3.The structure of the recorded file name

1) In case that the station shows the music title like below, the recorded file name will be the music title.

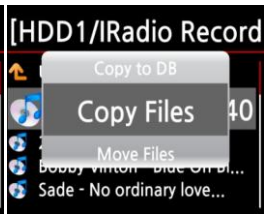


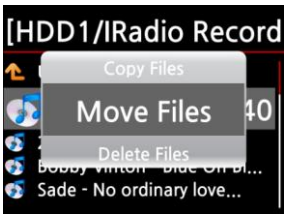
2) In case that the station does not show any title like below picture, the recorded file name will be 'year-month-day-time(minute/second).



14-5-4.How to edit the recorded file

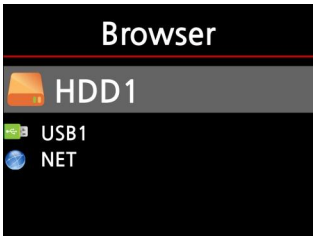
You can edit the recorded file easily with file management function. Place cursor on the recorded file and press MENU button, then you can run many kind of functions like below picture.





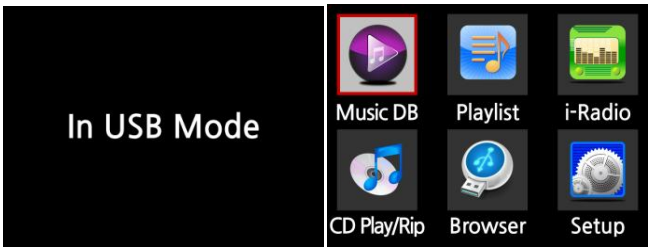
15.USB host port for USB devices

You can use various USB devices like USB memory stick, MP3 Player, USB external hard disk, etc through USB host port of X10. ① Plug the USB device into the USB host port of X10. ② Go into the Browser screen. The USB appears in the browser screen like below picture.



16.External USB mass storage

If you connect the X10 to your computer with USB cable, the X10 works as an external mass storage on your computer. The screen of X10 shows 'In USB mode' like below. Remote control does not work in this mode. If you disconnect X10 from PC with safety removal, the X10 returns to normal mode within 3~5 seconds.



[Warning] If you connect X10 to your PC through USB cable, you can see the hard disk of X10 on your PC monitor. There is .DB folder. This is Music DB database. Don't delete or move any file in this folder. If you delete it, big problem will happen.

17. Browser

If you go the Browser icon, you can run the below functions.

17-1. Play audio file data CD

X10 supports data CD in which audio files are contained. X10 supports various audio files such as MP3, FLAC, WAV, M4A, AAC, Ogg Vorbis, PCM, PLS, M3U, etc.

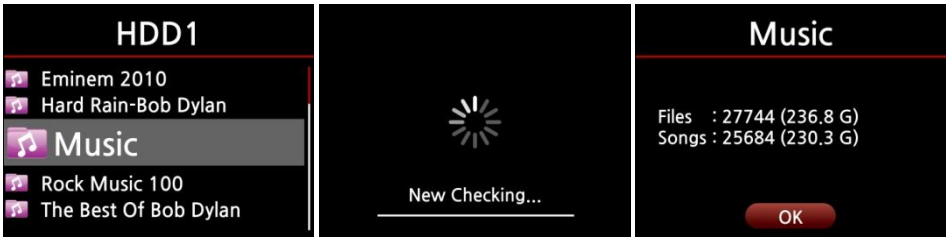
① Insert data CD into X10. ② Select Browser icon and confirm it with OK button. You will see the data CD. Select the music you want and play it with OK button.

17-2. File Management function

17-2-1. To get information on HDD, USB, folder or file.

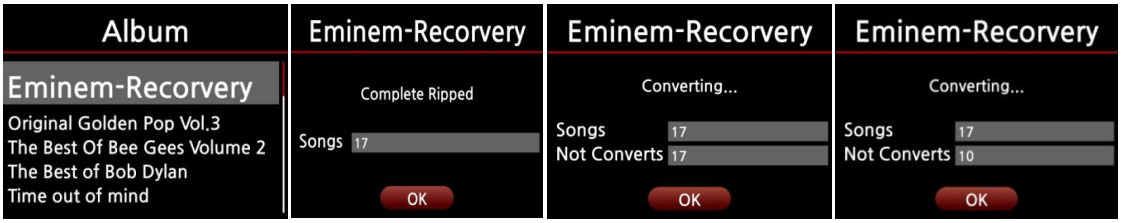
Place cursor on each drive and press INFO key to check it. Information is displayed like below.

To check information on folder, place cursor on the folder and press INFO key.



To check information on a file, place cursor on the file and press INFO key.

To check information on the ripping and converting result on the album ripped(loaded) to the Music Db, place cursor on the album and press INFO key.



17-2-2. TAG Edit

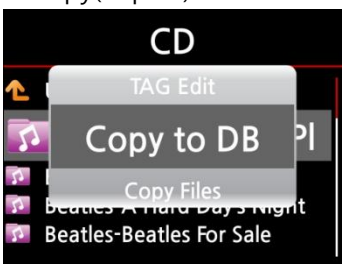
This function is valid for file only, not for folder or disk.

Place cursor on the file you want to edit and press MENU key. Select Edit Tag, then editable screen is displayed like below.

17-2-3. Copy to DB

You can copy(import) folder or file in HDD, USB or CD to Music DB.

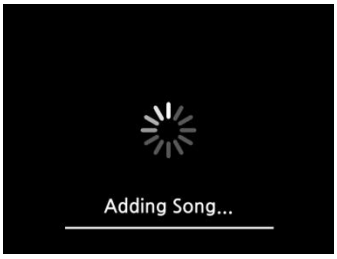
To copy(import) **folder** to Music DB



① Place cursor on the folder you want to copy(import) to Music DB

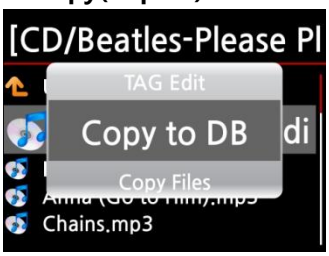
② Press MENU key and select Copy to DB and confirm it with OK key. It starts copying like below picture.

【 **Warning** 】 To copy all music in the folder to one same folder in Music DB, the album name of all music in the folder should be same.



Now copying to Music DB !!!!

To copy(import) file to Music DB

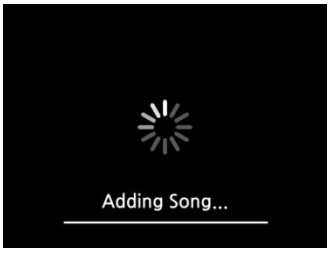


① Place cursor on the file you want to copy(import) to Music DB

② Press MENU key and select Copy to DB and confirm it with OK button. The editable screen is displayed like below.

③ After editing as you want, select OK to confirm it with OK button. It starts like below picture.

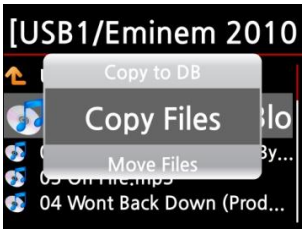
【 **Warning** 】 The album name of the file should be same as that of the folder in Music DB where you want to copy(import) the file.



Now copying(importing) to Music DB !!!

17-2-4. Copy Files

You can copy files or folder like below procedure.



① Place cursor on the file or folder you want to copy
② Press MENU key and select Copy Files. The below screen is displayed.

From here, refer to 8-3-2. How to export music in Music DB to other storage. The procedure is exactly same as that.

17-2-5. Move Files

You can move files or folder like below procedure.

③ Place cursor on the file or folder you want to copy
④ Press MENU key and select Copy Files. The below screen is displayed.

From here, refer to 8-3-2. How to export music in Music DB to other storage. The procedure is exactly same as that.

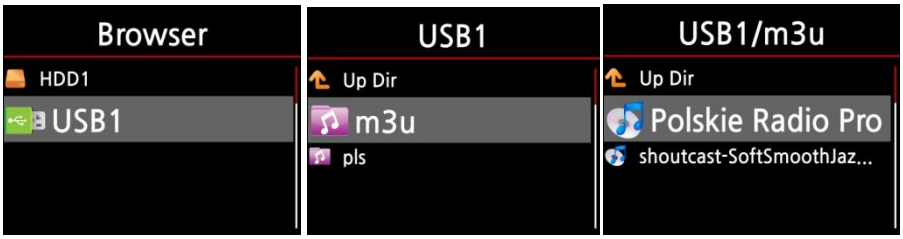
17-2-6. Delete Files

You can delete file or folder like below procedure

⑤ Place cursor on the file or folder you want to delete
⑥ Press MENU key and select Delete Files. Confirm it with OK button. It starts

17-2-7. .PLS or .M3U file with internet radio stations

If you want to play an individual internet radio station with X10, please make PLS or M3U file for it and put the file(PLS or M3U) into the HDD or USB host of X10. Then, you can play it through X10 Browser like below picture.



18.Extra Function

18-1.BOOKMARK

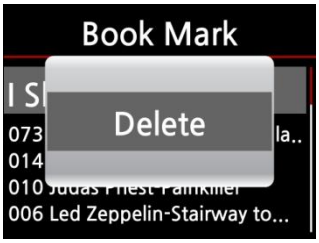
Files can be bookmarked while playing them. This function is useful for long files like story files.

① Press BOOKMARK button on the playing screen.

Then, the bookmarked music or story is stored in the Bookmark list like below screen.

② If you want to play the bookmarked music or story, press BOOKMARK button on any screen (except playing screen).

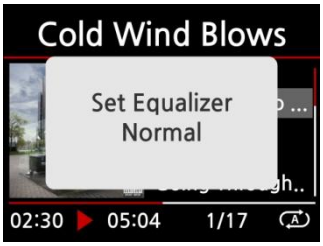
The left screen is displayed.



④ If you want to delete bookmarked music or story, press MENU key on the Book Mark list screen like left.
⑤ Select Delete and confirm it with OK button.

18-2.E.Q(Equalizer)

During music playing, you can change equalizer mode by pressing E.Q. button. Default is Normal. Normal → Classic→ Live → Pop → Rock → Jazz → Dance → Vocal → Soft → Bass → Normal

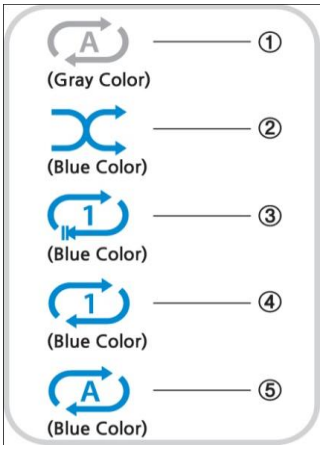


18-3.CLOCK

During playing, press CLOCK button. The digital clock will be displayed like the screen left. This function is useful to enjoy music in the night when you don't like the light from the screen. The X10 is restored from CLOCK mode if any button of remote control is pressed.

18-4.Change of play mode

① Press the MENU button on the playing screen to change it.
② Otherwise, press SHUFFLE button to change it without popup menu.



① Normal : Play all music in an album or in a folder once in sequence.
② Shuffle : Play music in an album or in a folder at random.
③ Once : Play the current music once only.
④ Repeat One : Play the current music repeatedly
⑤ Repeat All : Play all music in an album or in a folder in sequence and repeatedly

18-5.Alarm set

You can set six(6) alarm settings into the X10.

① Press ALARM SET button on any screen (except setup screen). Then, the left screen is displayed.
② Select one line you want and press OK button.
Then, the below screen is displayed.
<note> Time should be set as over 10 minutes later than current time.

③ Set time, cycle and sound source.
④ Set Snooze ON.
⑤ Select OK and confirm it with OK button.

① Selecting time with up/down button.
② Selecting cycle with OK button
③ Selecting sound source from Playlist
④ Selecting snooze ON/OFF

18-6.Sleep mode

① Press SLEEP button on any screen (except setup), then the popup like Sleep Off/Sleep 10Min/Sleep 20Min/Sleep 30Min/Sleep 1Hour/Sleep 2Hour/Sleep 3Hour is displayed.
② X10 is set as last popup.

【 TIP 】 Default : Sleep Off

18-7.Auto Play

What's Auto Play function ?
Auto Play allows the X10 to boot up and play automatically without pressing power button (with the exception of a power supply).

① Go into the Playlist. There is Auto Play.
② Place cursor on the Auto Play and press MENU button.
③ Select Add Song and press OK button.
④ Place cursor on the music you want to put to Auto Play.
⑤ You can see plus(+) mark at the end of cursor. Press OK button. The music will disappear and be added to the Auto Play. ⑥ Go to Setup and set Auto Play ON.
【 TIP 】 Default of Auto Play in SETUP : OFF

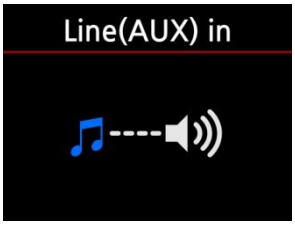
18-8.Play and Recording of LINE(AUX)-In

※ You can connect your audio players(like MP3P or Turntable, etc) to X10 through LINE(AUX)-In of X10. Then, you can enjoy the music in the players through the speakers connected to X10, and you can record it into the hard disk of X10.
※ Maximum continuous recording time : Three(3) hours. Please do not record successively for over three(3) hours.
※ Occupied space for recording with WAV format : 1 hour(645MB)/2 hours(1,290MB)/ 3 hours(1,935MB)

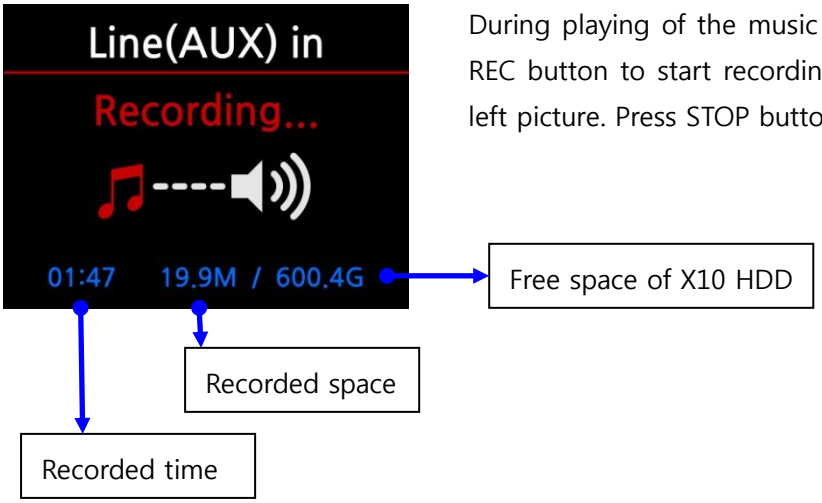
18-8-1.How to play

※ You need to prepare the stereo cable. We do not provide the stereo cable.

① Connect your audio player to the LINE(AUX)-In of X10 with the stereo cable.
② Power on your audio player and play the music.
③ Press AUX button of X10 remote control on the home screen of X10(※ AUX button does not work on the other screen of X10)
④ Then, music is played like below picture, and music comes out from the speaker connected to the X10.



18-8-2.How to record



During playing of the music through LINE(AUX)-In, press REC button to start recording the music playing like the left picture. Press STOP button to stop recording.

18-8-3.Where is the recorded file stored ?

X10 creates [AUX Recording] folder in the hard disk automatically if recording is started. All recorded files are stored in the AUX Recording folder like below pictures.

18-8-4.The structure of the recorded file name and format

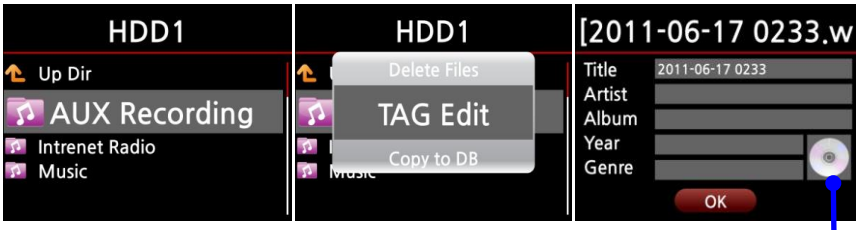
- File name structure : Year-Month-Date-Time(hour/Minute)(Refer to the above picture)
- Format of recorded file : WAV

※ The music is recorded as WAV format first, then you may convert it to other formats like MP3, FLAC or OGG

18-8-5.How to edit the recorded file

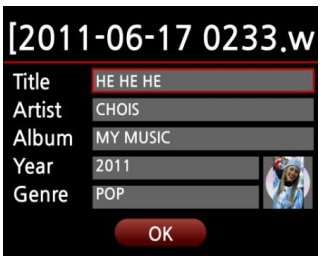
① Place the cursor on the AUX Recording folder or on the recorded file in the AUX Recording folder, and press MENU button.

② Select TAG Edit and confirm it with OK key, Edit screen shows up like below.



※ Edited file name will be changed to [Album name]+Title

③ Put the Title, Artist, Album, Year or Genre. If you put same album name into each recorded file, all files which have the same album name will be sent(imported) to the same folder(album) of Music DB when you try ripping(loading) the edited files to the Music DB.



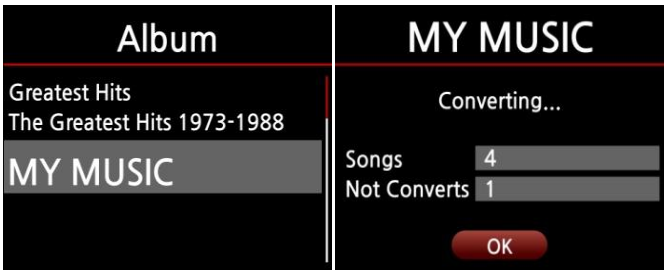
If you prepare an album art(JPG, GIF or PNG file) and put it into hard disk of X10, you can add the album art by pressing this CD icon.

18-8-6.How to rip(convert) the edited file into other formats(MP3, FLAC or OGG) and load it into the Music DB.

※ Before trying converting the recorded file, you should edit the recorded file first.

① Place cursor on the edited file, and press RIP button of the remote control.
② Select format(MP3, OGG, FLAC or WAV) you want, and confirm it with OK button.
③ Edit screen shows up, then press OK button if there is no item to be edited again.

④ Then, it starts loading it to the Music DB
⑤ Go to Music DB icon of the home screen and check Album list.
⑥ You can see My Music(Album name that you put during editing) and press INFO button to check the status of converting like below.



19.Specification

Brand name	cocktailAudio		
Model name	X10		
CD Player	Type	Front loading	
	Supported media	CD, CD-DA, CD-R, CD-RW, DVD-R/RW	
	Supported audio codec & format	MP3, FLAC, WAV, WMA, M4A, AAC, Ogg Vorbis, PCM, PLS, M3U	
Amplifier(built-in)	Rated output(8Ω) of speaker out	30W + 30W @ 1KHz, 8 ohm, 1% THD	
	Head phone out	100mW + 10mW @ 1KHz, 16 ohm, 0.1% THD	
	Line Out	2Vrms @ 1KHz, 0.1% THD	
	Input sensitivity of Line(AUX) In	Max 1Vrms	
Display	3.5 inch color TFT LCD for various menu with vivid high quality graphic user interface(GUI)		
Input	Line(AUX)- in		
Output	Line-out, Speaker out, headphone out, SPDIF(Optical out)		
Connective	Network	Wired	Ethernet(10/100) LAN
		Wireless(Optional)	801.11b/g/n WiFi USB dongle
	USB	Host x 2 ea	High speed 2.0 host port
		Target x 1 ea	High speed 2.0 target for PC
Supported audio codec & format	MP3, FLAC, WAV, WMA, M4A, AAC, Ogg Vorbis, PCM, Playlist(PLS, M3U)		
Supported Storage	Type	3.5 inch SATA(1/2) hard disk ** support up to 2 Terabytes	
	File system	NTFS and FAT32 ** NTFS recommended	
Supported OSD Languages	English, French, German, Korean, Spanish, Russian, Portuguese, Turkish, Greek, Czech, Polish, Hebrew		
Power	AC adaptor(24V/3.5A)		
Dimension	18(W) x 9.8(H) x 14.7(D) Cm		

※ Specification may be changed without notification

20.Troubleshooting

1. There is no power.
   1-1. Make sure the AC power cord is connected.
   1-2. Check the X10 is switched ON at the rear panel.
   1-3. Make sure the plug is fully inserted into the wall socket.

2. X10 does not respond to the remote control.
   2-1. Replace remote batteries
   2-2. Check interference from other IR sources
   2-3. Reduce the distance between the remote control and the X10.

3. X10 does not display the network-shared folder on your PC
   3-1. Check network connection status between X10 and your PC
   3-2. According to network environment, there may be a time delay in network connecting.
   3-3. Try rebooting the X10 and configure the network setup again.

4. No sound from speaker during music file play back
   4-1. Check if MUTE function in ON
   4-2. Check speaker cable connection status.
   4-3. Check volume level

5. X10 does not read the disc.
   5-1. Check if you put the disc upside down.
   5-2. Check that the disc is scratched or dirty too much.

6. The disc is skipping
   6-1. Check for scratches or dirty.
   6-2. Make sure that the X10 is on a firm surface and not subject to vibrations.

7. There is a hum coming from speaker.
   Make sure that all cable connections are secure.